

John D O'Neill

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

709
citations

933447

10
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1013
citing authors

#	ARTICLE	IF	CITATIONS
1	Decellularization of Human and Porcine Lung Tissues for Pulmonary Tissue Engineering. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1046-1056.	1.3	203
2	The regulation of growth and metabolism of kidney stem cells with regional specificity using extracellular matrix derived from kidney. <i>Biomaterials</i> , 2013, 34, 9830-9841.	11.4	99
3	Functional vascularized lung grafts for lung bioengineering. <i>Science Advances</i> , 2017, 3, e1700521.	10.3	72
4	Xenogeneic cross-circulation for extracorporeal recovery of injured human lungs. <i>Nature Medicine</i> , 2020, 26, 1102-1113.	30.7	56
5	Regeneration of severely damaged lungs using an interventional cross-circulation platform. <i>Nature Communications</i> , 2019, 10, 1985.	12.8	42
6	Cross-circulation for extracorporeal support and recovery of the lung. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	39
7	Multiday maintenance of extracorporeal lungs using cross-circulation with conscious swine. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1640-1653.e18.	0.8	38
8	Controlled delivery and minimally invasive imaging of stem cells in the lung. <i>Scientific Reports</i> , 2017, 7, 13082.	3.3	34
9	Targeted delivery of liquid microvolumes into the lung. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11530-11535.	7.1	32
10	Cell replacement in human lung bioengineering. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 215-224.	0.6	28
11	<sup />Constrained Cage Culture Improves Engineered Cartilage Functional Properties by Enhancing Collagen Network Stability. <i>Tissue Engineering - Part A</i> , 2017, 23, 847-858.	3.1	11
12	Targeting Metabolic Adaptations in the Breast Cancerâ€œLiver Metastatic Niche Using Dietary Approaches to Improve Endocrine Therapy Efficacy. <i>Molecular Cancer Research</i> , 2022, 20, 923-937.	3.4	11
13	Combined Targeting of Estrogen Receptor Alpha and Exportin 1 in Metastatic Breast Cancers. <i>Cancers</i> , 2020, 12, 2397.	3.7	10
14	Rapid retraction of microvolume aqueous plugs traveling in a wettable capillary. <i>Applied Physics Letters</i> , 2015, 107, 144101.	3.3	6
15	Imaging-guided bioreactor for de-epithelialization and long-term cultivation of <i>ex vivo</i> rat trachea. <i>Lab on A Chip</i> , 2022, 22, 1018-1031.	6.0	6
16	Non-destructive vacuum-assisted measurement of lung elastic modulus. <i>Acta Biomaterialia</i> , 2021, 131, 370-380.	8.3	5
17	Homogeneous Distribution of Exogenous Cells onto De-epithelialized Rat Trachea via Instillation of Cell-Loaded Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 82-88.	5.2	5
18	Gut bioengineering strategies for regenerative medicine. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G1-G11.	3.4	4

#	ARTICLE	IF	CITATIONS
19	Pathological remodeling of distal lung matrix in end-stage cystic fibrosis patients. Journal of Cystic Fibrosis, 2022, 21, 1027-1035.	0.7	4
20	Cross-Circulation for Extracorporeal Liver Support in a Swine Model. ASAIO Journal, 2022, 68, 561-570.	1.6	3